

ViaCon Hamco corrugated steel structures

- even more economical and more efficient by factory-site assembly -



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Introduction

The delivery in packages of bundled, corrugated, curved and corrosion protected steel plates to the construction site, the following unloading of the steel plate packages carried out by the client, the following assembly of the single steel plates to a corrugated steel structure by a on job-site placed assembly crew by the supplier and then the by the client to be rendered backfilling work describe the classical installation of a corrugated steel structure.

This in the comparison to other construction methods of easy and fast installation procedure is one of the characteristics that helps to ensure that corrugated steel structures have proven for many decades as economic and permanent engineering buildings.

More economical by factory-site assembly

Like many, when already since a long time well functioning processes and procedures, exists almost improvement potential – like here as well.

In the recent past ViaCon Hamco once again has edited intensively this subject and couldn't only notice new findings with regards to the feasible transport possibilities, but also an improved assembly process and an optimal loading inside the factory.

In dependence of the geometry of the corrugated steel structures can be offered to the client to get a structure pre-assembled by us delivered to the construction site. This kind of assembly doesn't cause any additional costs to the client (usually even reduced costs), but an increased flexibility on the construction site.

The corrugated steel structure will be properly and professionally assembled in our factory by an assembly crew approved by us. The local conditions ensure an optimized and efficient assembly process. The result is a finished assembled and ready for pickup culvert.



With the help of so-called lifting trussing, which are installed during the assembly at the structure, our hall crane system loads the structure on a forwarding vehicle approved by us.



In comparison to the classical installation of corrugated steel structures mentioned above the client must only lift the structure in one step from the forwarding vehicle into the end position and saves himself thus precious time on the construction site.

The structure can now be lifted directly into the prepared trench and can be backfilled immediately afterwards. Thus e.g. the necessary time for the water bypassing and the associated cost are reduced, since the building no longer must be assembled inside the trench.



In summary following advantages result through our factory-site assembly:

- ✓ factory-site assembly without any additional costs to the client possible, usually even cheaper with respect to smaller structures
- ✓ shorter construction time → shorter blocking time of roads
- ✓ only one lifting step necessary and the associated time savings on the construction site
- ✓ simultaneous delivery of several pre-assembled structures possible.
- ✓ increased flexibility for the construction company, shorter required water bypassing
- ✓ no dry trench necessary anymore, therefore weather-independent agreement for the assembly date possible